For Research Use Only

CoraLite® Plus 488-conjugated Glucocorticoid receptor Polyclonal antibody

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Antibodies | ELISA kits | Proteins
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Catalog Number:CL488-24050 Featured Product 1 Publications

Basic Information

Catalog Number:
CL488-24050

Size:
100ul , Concentration: 1000 µg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG21146

GenBank Accession Number:
BC015610

GeneID (NCBI):
2908

UNIPROT ID:
P04150

Full Name:
nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)

Calculated MW:
86 kDa

Observed MW:
94-97 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:
493 nm / 522 nm

Applications

Tested Applications:
IF/ICC, FC (Intra)

Cited Applications:
IF

Species Specificity:
human, mouse, rat

Cited Species:
mouse

Positive Controls:

IF/ICC : A549 cells,

Background Information

NR3C1 is a receptor for glucocorticoids, which owns a dual mode of action: as a transcription factor that binds to glucocorticoid response elements (GRE) and as a modulator of other transcription factors. It is involved in cell proliferation and differentiation and specifically implicated in newborn birth weight, thus providing a biological mechanism by which NR3C1 expression may influence birth weight [PMID:22810058].

Notable Publications

Author	Pubmed ID	Journal	Application
Mehdi Boutagouga Boudjadja	36182699	Curr Biol	IF

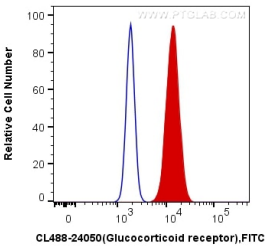
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

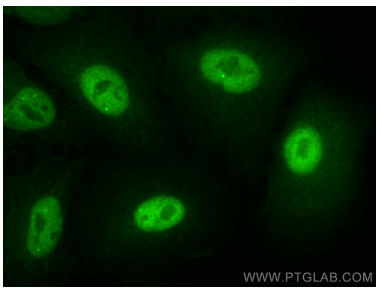
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10^6 HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human Glucocorticoid receptor (CL488-24050) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Immunofluorescent analysis of (4% PFA) fixed A549 cells using CoraLite® Plus 488 Glucocorticoid receptor antibody (CL488-24050) at dilution of 1:200.